

**CLAIM AMENDMENTS**

This listing of claims replaces all prior versions and listings of claims in the application.

**Listing of the Claims:**

1 | 1. (Currently Amended) A method of displaying highlighted objects and  
2 | associated information on a graphical user interface (GUI), comprising:

3 | a) highlighting a primary object  $O(n)$  displayed on a GUI window at a  
4 | selected hierarchical level ( $n$ ), wherein the primary object is selected from ~~the~~ a  
5 | group consisting of a network node and a network link;

6 | b) identifying a highlighted object  $O(n-1)$  managed by said primary object at a  
7 | hierarchically next lower level ( $n-1$ ), wherein the highlighted object is selected from  
8 | ~~the~~ a group consisting of a network node, a network link, a shelf, a slot, a card, and  
9 | a port;

10 | c) selecting said highlighted object  $O(n-1)$  from an object storage means and  
11 | placing same in a list of highlighted objects; ~~and~~

12 | d) repeating steps b) and c) for all  $n$  available hierarchical levels until all  
13 | highlighted objects managed by said primary object are identified and placed in said  
14 | list; and

15 | e) displaying an icon for each highlighted object wherein a color of said icon  
16 | indicates a current status of a corresponding highlighted object.

1 2. (Currently Amended) The method of claim 1 further comprising the following  
2 step:  
3 e) displaying said list in a highlighted objects window where said highlighted  
4 objects are arranged in a specified order.

1 3. (Currently Amended) The method of claim 2, wherein said specified order is  
2 ~~the~~ a hierarchical order of said highlighted objects.

1 4. (Original) The method of claim 1, wherein said list comprises a row for each  
2 highlighted object, and a plurality of columns, each column for providing a specified  
3 attribute of said highlighted object.

1 5. (Currently Amended) The method of claim 4, wherein said specified  
2 attributes are ~~the~~ a specification of said highlighted object and ~~the~~ a name of said  
3 highlighted object.

1 6. (Original) The method of claim 2, wherein said highlighted objects window  
2 displays a column for an icon visually identifying said highlighted object.

1 7. (Original) The method of claim 2, wherein said highlighted objects window  
2 displays an object status column for defining the current status of said highlighted  
3 object.

1 8. (Currently Amended) The method of claim 2, wherein said highlighted  
2 objects window displays a count column for counting ~~the~~a number of said  
3 highlighted objects in said list.

1 9. (Currently Amended) The method of claim 4, wherein said GUI selects said  
2 specified order by sorting the highlighted objects in said list by any of said columns.

1 10. (Currently Amended) A computer-implemented highlighted objects window  
2 system for a graphical user interface (GUI) of the type provided with highlighting  
3 capabilities and adapted to transmit commands and display information with a  
4 view to enable management of a communication network, said system comprising:

5 a computer-implemented computer program module for identifying all  
6 highlighted objects in a highlighted hierarchy managed by a primary object  
7 highlighted on said GUI; and

8 a computer-implemented computer program module for selecting only said  
9 highlighted objects from an object storage means and placing said objects in a list,  
10 wherein:

11 the primary object is selected from ~~the~~ a group consisting of a network node  
12 and a network link,

13 each highlighted object is selected from ~~the~~ a group consisting of a network  
14 node, a network link, a shelf, a slot, a card, and a port, ~~and~~

15 said GUI displays said list in a highlighted objects window where said  
16 highlighted objects are arranged in a specified order and displays an icon for each  
17 highlighted object, wherein a color of said icon indicates a current status of a  
18 corresponding highlighted object.

1 11. (Original) The system of claim 10, wherein said list comprises a row for each  
2 highlighted object, and a plurality of columns, each column for providing a specific  
3 attribute of said highlighted object.

1 12. (Previously Presented) The system of claim 11, wherein said GUI selects said  
2 specified order by sorting said list by any of said columns.

1 13. (Currently Amended) The system of claim 12, wherein said list includes a  
2 column for an icon visually identifying said highlighted object, a column with ~~the~~a  
3 specification of said highlighted object and a column with ~~the~~a name of said  
4 highlighted object.

1 14. (Original) The system of claim 13, wherein said list further comprises an  
2 object status column for defining the current status of said highlighted objects.

1 15. (Original) The system of claim 13, wherein said list further comprises a count  
2 column for counting the number of said highlighted objects in said list.

1 16. (Currently Amended) The system of claim 10, wherein said object storage  
2 computer program module comprises an object library for maintaining data  
3 pertinent to all highlighted objects present at a respective network node.

1 17. (Previously Presented) The system of claim 10, wherein said object storage  
2 computer program module comprises a connectivity database for maintaining  
3 routing data pertinent to all routes currently involving a respective network node.

1 18. (Original) The system of claim 10, wherein said highlighted objects window  
2 comprises a refresh button for updating said list.

1 19. (Currently Amended) A method of using a graphical user interface (GUI) of  
2 the type provided with highlighting capabilities and adapted to transmit commands  
3 and display information with a view to enable management of a communication  
4 network, comprising:

5 highlighting an original object on a GUI window displaying managed objects  
6 at a selected hierarchical ~~hierarchically~~-level, wherein the original object is selected  
7 from ~~the~~ a group consisting of a network node and a network link;

8 identifying all highlighted objects managed by said original object in all  
9 hierarchical levels subtended from said selected hierarchical ~~hierarchically~~-level,  
10 wherein each highlighted object is selected from a group ~~the group~~ consisting of a  
11 network node, a network link, a shelf, a slot, a card, and a port;

12 selecting all said highlighted objects from an object storage means and  
13 placing same in a list in a specified order; ~~and~~

14 displaying said list as a highlighted objects window for providing an  
15 automatic way to obtain information on a hierarchical chain of objects in said  
16 network; and

17 | displaying an icon for each highlighted object, wherein a color of said icon  
18 | indicates a current status of a corresponding highlighted object.

1 | 20. (Currently Amended) The method of claim 19, wherein said specified order is  
2 | ~~the~~ a hierarchical order of the objects.